UDOT is moving to an all 3-D work flow environment

UDOT IN 3-D

What will the shift to 3D mean to you?
UDOT is moving to an all 3-D work flow environment

Fully embracing 3D capabilities will produce comprehensive planning, construction and design solutions that will benefit UDOT and all contract partners.

• Design verification is more effective
• Visualization is more lifelike
• Clash detection is more easily discoverable
• Contractor interface is seamless

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What is a full 3-D workflow?

- Models that can be viewed from all angles in order to assess constructability
- Utility clash detection models that show a full representation of underground utilities
- Animations that can show the built project, along with expected traffic flow
- Photo-realistic images that can show the built project or project options

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UDOT will eventually advertise projects with the model as the legal document

- The paper copy – for information only
- QC/QA will be developed for models

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UDOT’s path to an all 3-D work flow includes phased implementation:

• Short term, 2014
• Mid-range plan, 2015
• Long-range, 2016

UDOT is working closely with contractors to address challenges

What will the shift to 3D mean to you?
Challenges:

• Training opportunities increased
• Construction Manager-General Contractor
• Tools for construction

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Questions?

What will the shift to 3D mean to you?